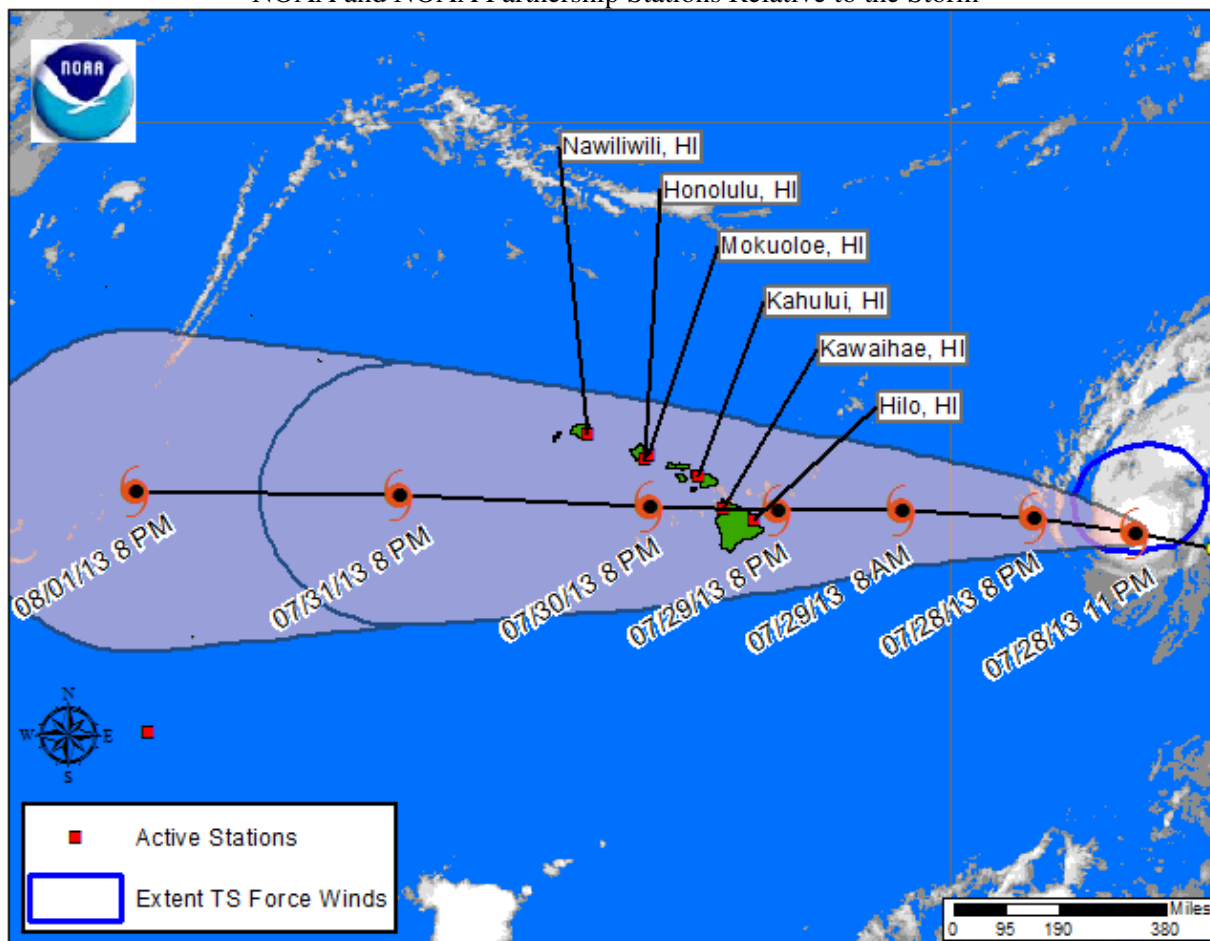




Tropical Storm FLOSSIE QuickLook
Posted: 00:30 HST 07/28/2013

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 7/28/2013 12:30AM HST, water levels in the Hawaiian Islands are generally at or near predicted levels and range from 0 to 0.2 feet above predictions. Winds are between 3 to 10 knots with some higher gusts of up to 20 knots. Barometric pressure steady across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur. Water level predictions relative to Mean Lower Low Water are:

Hilo, Hilo Bay, Kuhio Bay, HI: Next predicted high tides are 1.8 ft (0.54 m) at 07/28/2013 08:08 HST and 1.8 ft (0.54 m) at 07/28/2013 19:05 HST.

Kawaihae, HI: Next predicted high tides are 1.6 ft (0.49 m) at 07/28/2013 09:13 HST and 1.3 ft (0.41 m) at 07/28/2013 20:10 HST.

Tropical Storm FLOSSIE QuickLook, POSTED 00:30 HST 07/28/2013

Kahului, Kahului Harbor, HI: Next predicted high tides are 1.5 ft (0.46 m) at 07/28/2013 07:16 HST and 1.7 ft (0.53 m) at 07/28/2013 17:56 HST.

Mokuoloe, HI: Next predicted high tides are 1.3 ft (0.41 m) at 07/28/2013 08:06 HST and 1.5 ft (0.47 m) at 07/28/2013 17:58 HST.

Honolulu, HI: Next predicted high tides are 1.5 ft (0.46 m) at 07/28/2013 09:32 HST and 1.2 ft (0.36 m) at 07/28/2013 20:20 HST.

Nawiliwili, HI: Next predicted high tides are 1.4 ft (0.42 m) at 07/28/2013 09:17 HST and 1.1 ft (0.35 m) at 07/28/2013 19:33 HST.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:DW

SELECT [CENTRAL PACIFIC HURRICANE CENTER](#) ADVISORY INFORMATION:

TROPICAL STORM FLOSSIE ADVISORY NUMBER 14
NWS CENTRAL PACIFIC HURRICANE CENTER HONOLULU HI
1100 PM HST SAT JUL 27 2013

...FLOSSIE CONTINUES AS A THREAT TO THE STATE OF HAWAII...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

A TROPICAL STORM WARNING HAS BEEN ISSUED FOR HAWAII AND MAUI COUNTIES.

A TROPICAL STORM WATCH HAS BEEN ISSUED FOR OAHU.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

*HAWAII COUNTY

*MAUI COUNTY...INCLUDING THE ISLANDS OF MAUI...MOLOKAI...LANAI AND KAHOO LAWE

A TROPICAL STORM WATCH IS IN EFFECT FOR

*OAHU

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN 36 HOURS.

A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA WITHIN 48 HOURS.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA...PLEASE MONITOR PRODUCTS ISSUED BY THE HONOLULU NWS FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 1100 PM HST...0900 UTC...THE CENTER OF TROPICAL STORM FLOSSIE WAS LOCATED NEAR LATITUDE 19.4 NORTH...LONGITUDE 145.2 WEST. FLOSSIE IS MOVING TOWARD THE WEST NEAR 20 MPH...AND THIS MOTION IS EXPECTED TO CONTINUE THROUGH 48 HOURS...WITH A SLIGHT SLOWING IN FORWARD SPEED. ON THE FORECAST TRACK...THE CENTER OF FLOSSIE WILL PASS NEAR OR CLOSE TO THE BIG ISLAND AND MAUI ON MONDAY...AND SOUTH OF OAHU MONDAY NIGHT.

MAXIMUM SUSTAINED WINDS ARE NEAR 60 MPH...95 KM/H...WITH HIGHER GUSTS. GRADUAL WEAKENING IS FORECAST DURING THE NEXT 48 HOURS.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 175 MILES FROM THE CENTER.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 29.47 INCHES.

HAZARDS AFFECTING LAND

WIND...TROPICAL STORM FORCE WINDS ARE EXPECTED MONDAY MORNING IN HAWAII AND MAUI COUNTIES...AND ARE POSSIBLE ON OAHU MONDAY NIGHT.

RAINFALL...HEAVY RAINFALL MAY BEGIN AS EARLY AS MONDAY MORNING OVER HAWAII COUNTY AND MONDAY AFTERNOON OVER MAUI COUNTY. THIS RAINFALL COULD CAUSE LIFE-THREATENING FLASH FLOODS AND MUD SLIDES.

SURF...DANGEROUSLY LARGE SURF WILL BEGIN TO IMPACT EAST FACING SHORES AS EARLY AS SUNDAY AFTERNOON WITH THE LARGEST SURF EXPECTED ON MONDAY AND TUESDAY. PLEASE CONSULT THE LATEST HURRICANE LOCAL STATEMENT FOR MORE INFORMATION.

FORECASTER BIRCHARD

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

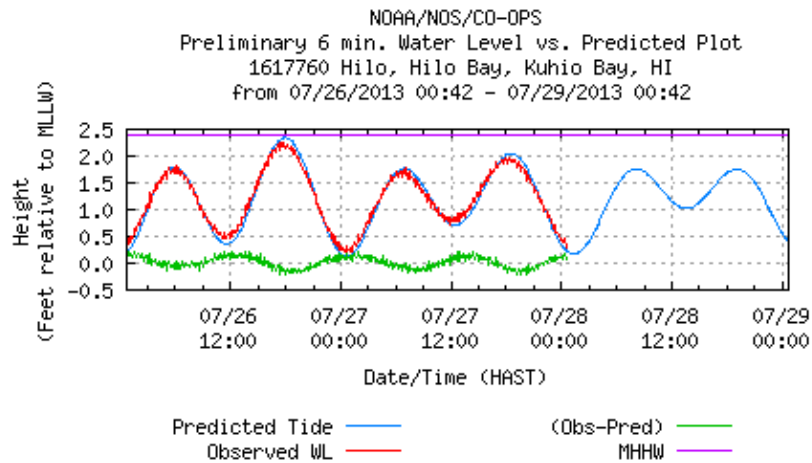
Jump to: [Hilo, Hilo Bay, Kuhio Bay - Water Level](#), [Hilo, Hilo Bay, Kuhio Bay - Winds](#), [Hilo, Hilo Bay, Kuhio Bay - Barometric](#), [Hilo, Hilo Bay, Kuhio Bay - Air/Water Temp](#), [Kawaihae - Water Level](#), [Kawaihae - Winds](#), [Kawaihae - Barometric](#), [Kawaihae - Air/Water Temp](#), [Kahului, Kahului Harbor - Water Level](#), [Kahului, Kahului Harbor - Winds](#), [Kahului, Kahului Harbor - Barometric](#), [Mokuoloe - Water Level](#),

Tropical Storm FLOSSIE QuickLook, POSTED 00:30 HST 07/28/2013

Mokuoloe - Winds, Mokuoloe - Barometric, Honolulu - Water Level, Honolulu - Winds, Honolulu - Barometric, Nawiliwili - Water Level

Tropical Storm FLOSSIE QuickLook, POSTED 00:30 HST 07/28/2013

Hilo, Hilo Bay, Kuhio Bay, HI - Return to List

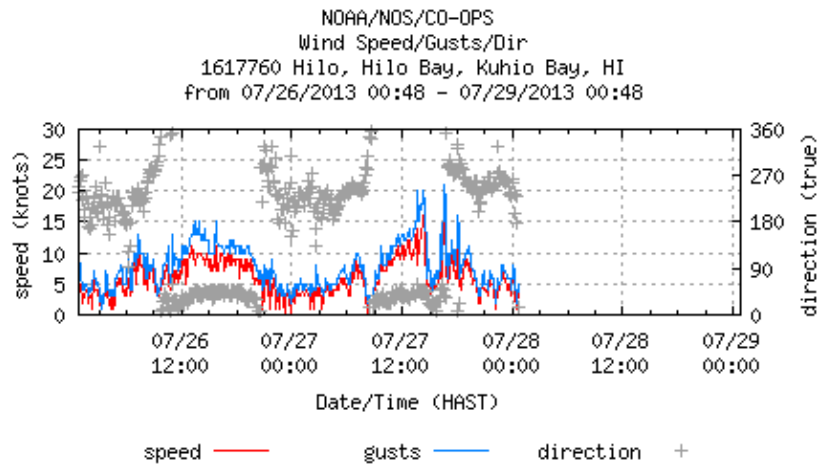


Last Observed Sample: 07/28/2013 00:36 (HAST)

Relative to MLLW: **Observed: 0.30 ft.** **Predicted: 0.23 ft.** **Residual: 0.07 ft.**

Historical Maximum Water Level: Jan 20 1981, 3.77 ft. above MLLW

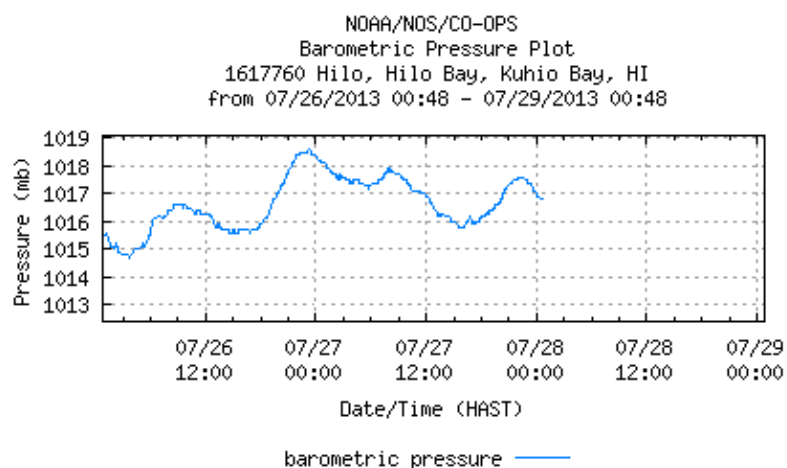
Hilo, Hilo Bay, Kuhio Bay, HI - Return to List



Last Observed Sample: 07/28/2013 00:36 (HAST)

Wind Speed: 4 knots **Gusts: 5 knots** **Direction: 16° T**

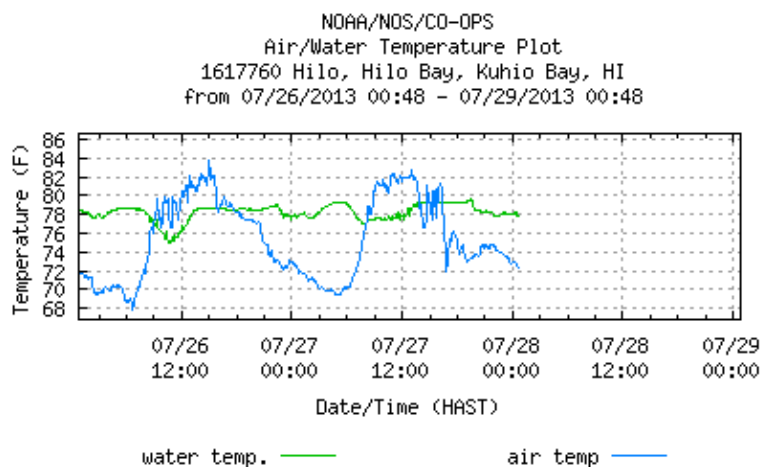
Hilo, Hilo Bay, Kuhio Bay, HI - Return to List



Last Observed Sample: 07/28/2013 00:36 (HAST)

Barometric Pressure: 1016.8 mb

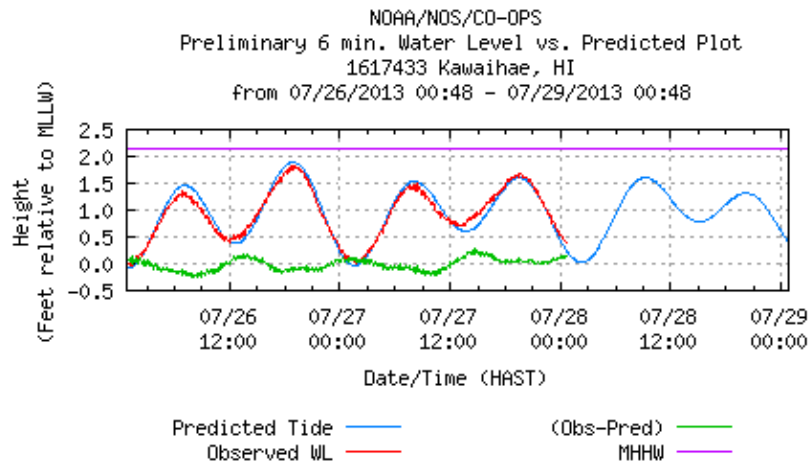
Hilo, Hilo Bay, Kuhio Bay, HI - Return to List



Last Observed Sample: 07/28/2013 00:36 (HAST)

Water Temperature: 77.9° F Air Temperature: 72.3° F

[Kawaihae, HI - Return to List](#)

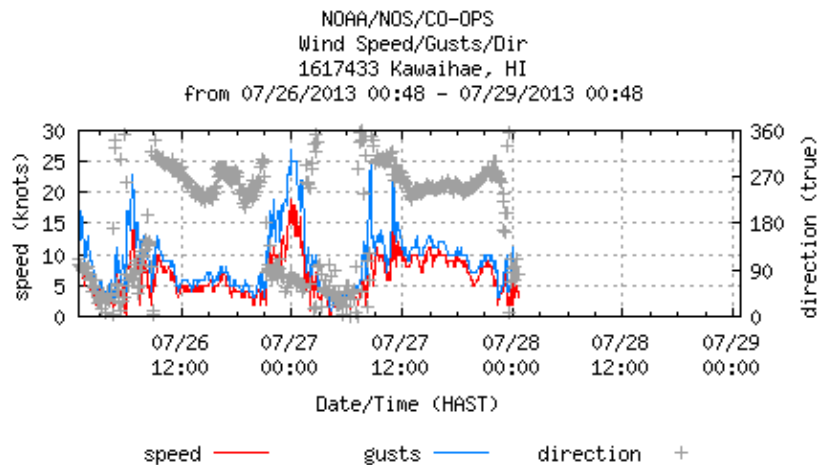


Last Observed Sample: 07/28/2013 00:36 (HAST)

Relative to MLLW: **Observed: 0.38 ft.** **Predicted: 0.25 ft.** **Residual: 0.13 ft.**

Historical Maximum Water Level: Dec 13 2008, 3.38 ft. above MLLW

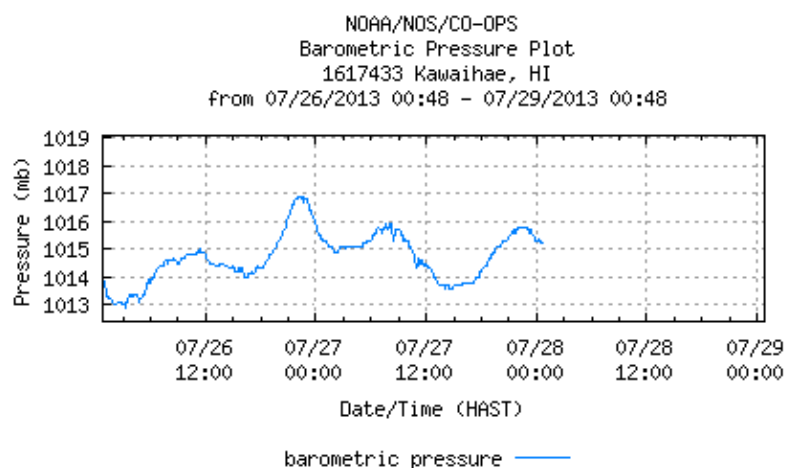
[Kawaihae, HI - Return to List](#)



Last Observed Sample: 07/28/2013 00:36 (HAST)

Wind Speed: 3 knots **Gusts: 7 knots** **Direction: 81° T**

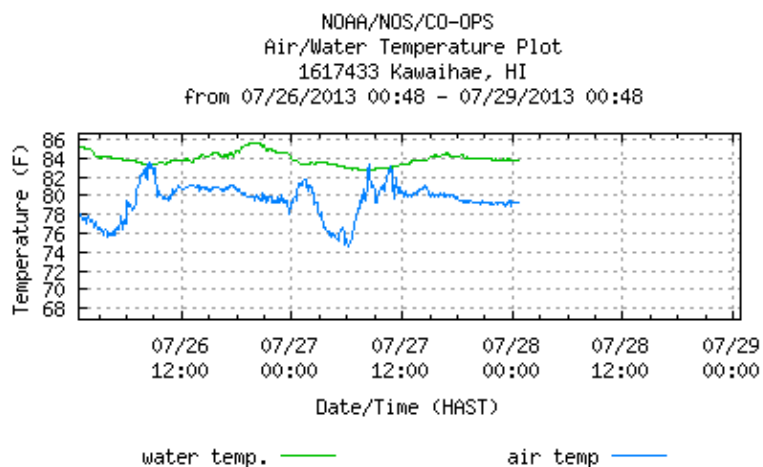
[Kawaihae, HI - Return to List](#)



Last Observed Sample: 07/28/2013 00:36 (HAST)

Barometric Pressure: 1015.2 mb

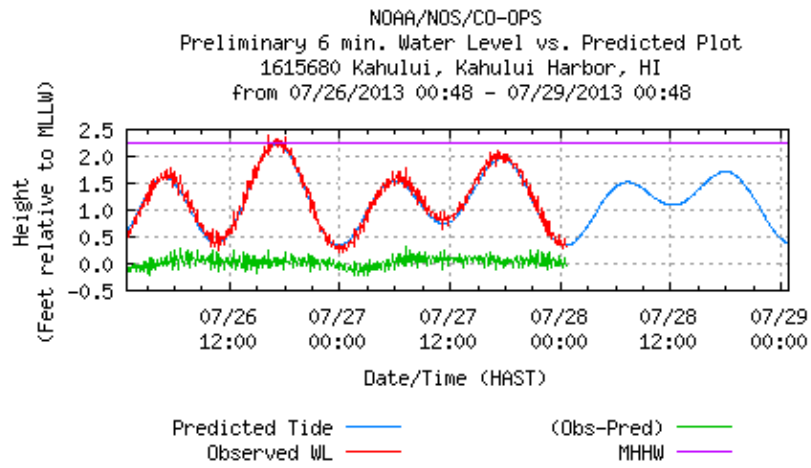
[Kawaihae, HI - Return to List](#)



Last Observed Sample: 07/28/2013 00:36 (HAST)

Water Temperature: 83.8° F Air Temperature: 79.3° F

Kahului, Kahului Harbor, HI - Return to List

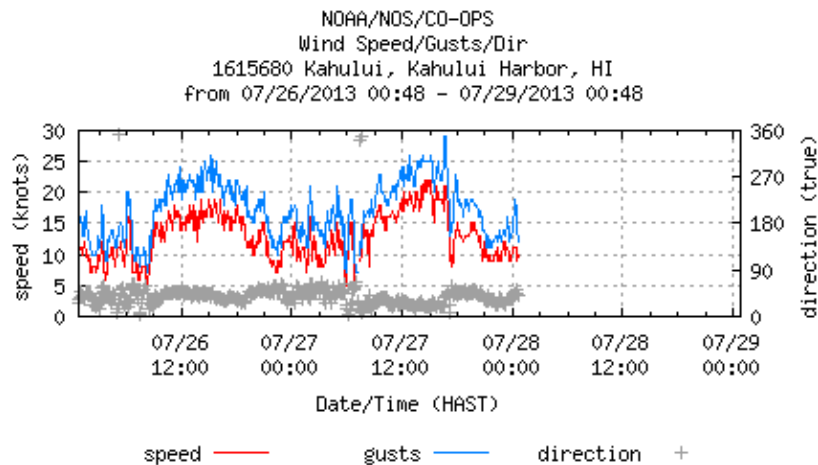


Last Observed Sample: 07/28/2013 00:36 (HAST)

Relative to MLLW: **Observed: 0.31 ft.** **Predicted: 0.34 ft.** **Residual: -0.03 ft.**

Historical Maximum Water Level: Dec 20 1968, 3.48 ft. above MLLW

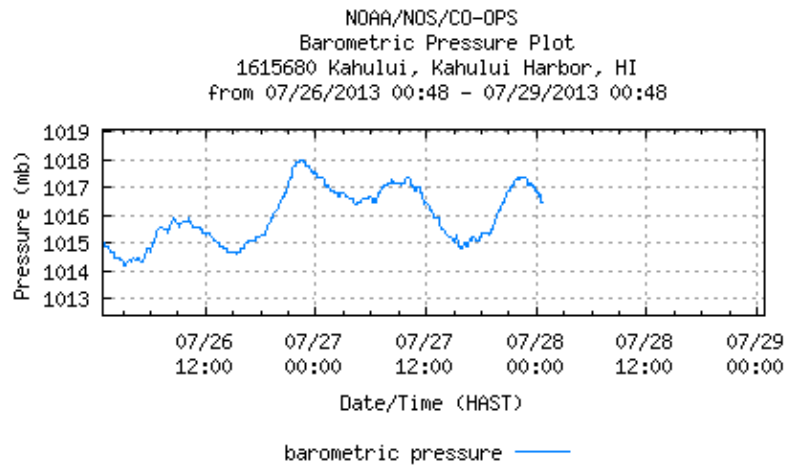
Kahului, Kahului Harbor, HI - Return to List



Last Observed Sample: 07/28/2013 00:36 (HAST)

Wind Speed: 10 knots **Gusts: 12 knots** **Direction: 39° T**

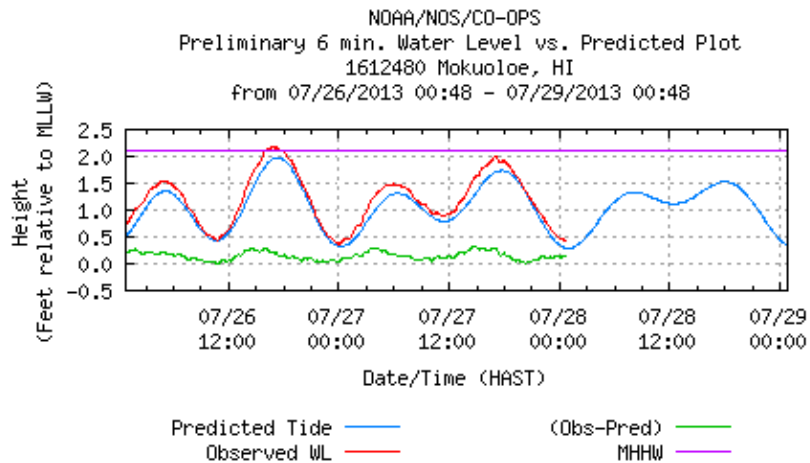
[Kahului, Kahului Harbor, HI - Return to List](#)



Last Observed Sample: 07/28/2013 00:36 (HAST)

Barometric Pressure: 1016.5 mb

[Mokuoloe, HI - Return to List](#)

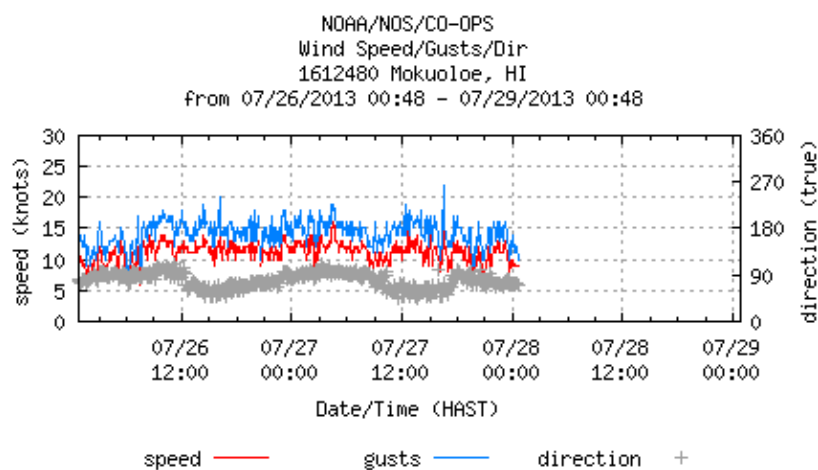


Last Observed Sample: 07/28/2013 00:36 (HAST)

Relative to MLLW: **Observed: 0.44 ft.** **Predicted: 0.30 ft.** **Residual: 0.14 ft.**

Historical Maximum Water Level: Jan 8 1974, 3.58 ft. above MLLW

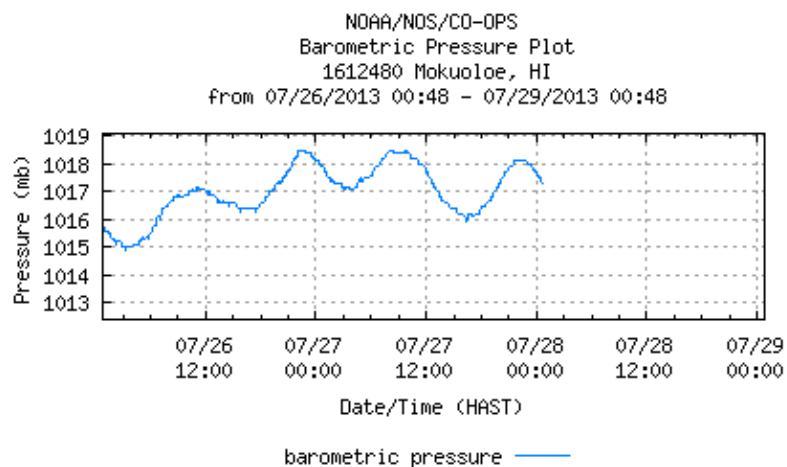
[Mokuoloe, HI - Return to List](#)



Last Observed Sample: 07/28/2013 00:36 (HAST)

Wind Speed: 9 knots Gusts: 10 knots Direction: 71° T

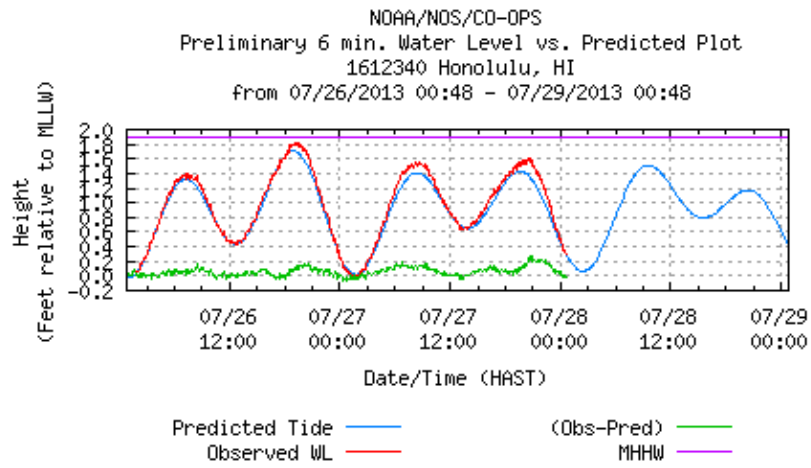
[Mokuoloe, HI - Return to List](#)



Last Observed Sample: 07/28/2013 00:36 (HAST)

Barometric Pressure: 1017.3 mb

Honolulu, HI - Return to List

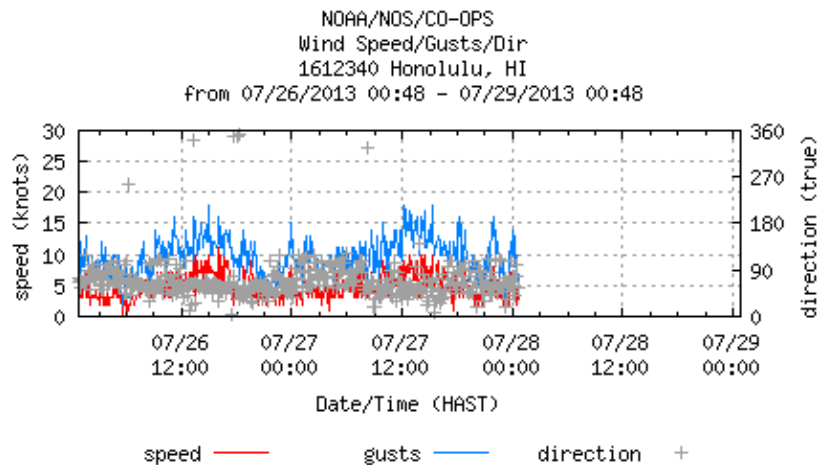


Last Observed Sample: 07/28/2013 00:36 (HAST)

Relative to MLLW: **Observed: 0.29 ft.** **Predicted: 0.30 ft.** **Residual: -0.01 ft.**

Historical Maximum Water Level: Feb 14 1967, 3.39 ft. above MLLW

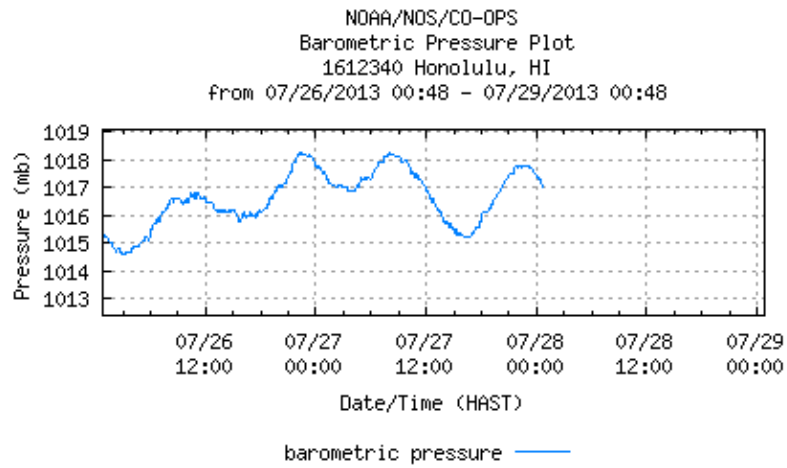
Honolulu, HI - Return to List



Last Observed Sample: 07/28/2013 00:36 (HAST)

Wind Speed: 3 knots **Gusts: 5 knots** **Direction: 54° T**

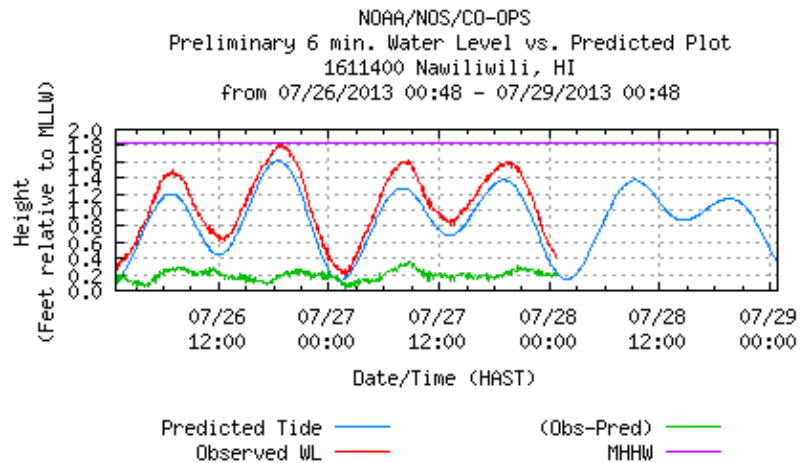
Honolulu, HI - Return to List



Last Observed Sample: 07/28/2013 00:36 (HAST)

Barometric Pressure: 1017.0 mb

Nawiliwili, HI - Return to List



Last Observed Sample: 07/28/2013 00:42 (HAST)

Relative to MLLW: Observed: 0.46 ft. Predicted: 0.23 ft. Residual: 0.23 ft.

Historical Maximum Water Level: Sep 11 1992, 4.98 ft. above MLLW